

Work Order ID 88406

88406

Page 1

August-02-12 8:49:20 AM

Item ID: D3912-5

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Eyebolt Plate

Start Date: 7/27/12 Start Qty: 14.00

14

Cust Item ID:

Required Date: 8/10/12 Req'd Qty: 14.00

14

Customer:

Reference:

Run Start *NR1*

Approvals: Process Plan:

Date: 2089

Tooling:

Date:

Stop *NR2*

QC:

Date:

SPC (Y/N):

Date:

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D3912

B

23

100

0.00

100

Waterjet

Memo

0.00

FLOW CNC Waterjet

Cut as per dwg D3912

Prog Rev:

Dwg Rev:

304 .125

Deburr as required

1812-8-22

110

QC2- Inspect parts off machine FAI/FAIB

0.00

110

QC

Memo

0.00

Quality Control

1812-8-22

Work Order ID 88406

88406

Page 2

August-02-12 8:49:20 AM

Item ID: D3912-5

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Eyebolt Plate

Start Date: 7/27/12 Start Qty: 14.00

14

Cust Item ID:

Required Date: 8/10/12 Req'd Qty: 14.00

14

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 *120* QC Quality Control	QC8- Inspect parts - second check Memo	0.00 Smb 12-8-22	DAS 16 9-22	12/08/12		23 cont			
130 *130* Packaging Packaging	Identify as per dwg & Stock Location: 144 Memo	0.00 0.00		80		14	8	12/08/22	
140 *140* QC Quality Control	QC21- Final Inspection - Work Order Release Memo	0.00 0.00							

MJS 12/08/23

MF
12-08-23

Picklist Print

August-02-12 8:49:19 AM

Page 1

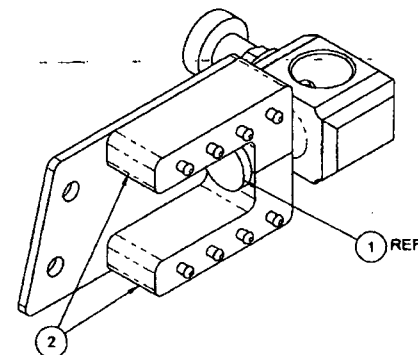
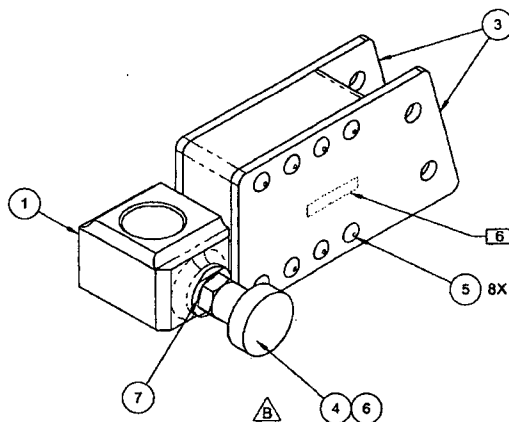
Work Order ID: 88406
Parent Item: D3912-5
Parent Item Name: Eyebolt Plate

Start Date: 7/27/12
Start Qty: 14.00
Required Date: 8/10/12
Required Qty: 14.00

Comments: IPP RevA: new issue DD 09.11.17 verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304S11GA 304/316 0.125 Sheet		Purchased	No			100	sf	272.6760	0.05125	0.7552636	(23)	1312-8-22	
				<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>						
				MAT020		272.676							
				121780		4.976							
				122521		267.7							
								122 521					

ITEM	QTY -041	P/N	DESCRIPTION
	X	D3912-041	EYEBOLT RECEIVER ASSY
1	1	D3912-1	EYEBOLT
2	2	D3912-3	EYEBOLT BLOCK
3	2	D3912-5	EYEBOLT PLATE
4	1	D3801-1	SPRING PLUNGER
5	8	MS20815-4M20	RIVET
6	1	MS21209-F615	HELICAL
7	1	NAS1149F0332P	WASHER



SUPPLEMENTAL ISO VIEW
(EYEBOLT PLATE REMOVED
TO SHOW INTERIOR FEATURES)

D3912-041 EYEBOLT RECEIVER ASSY

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N D3912-041 USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: -041: 1.58 lbs

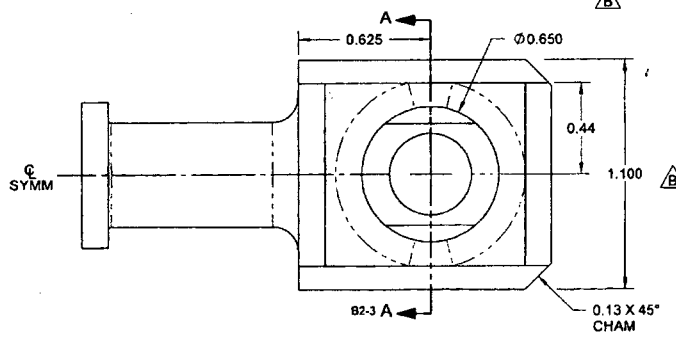
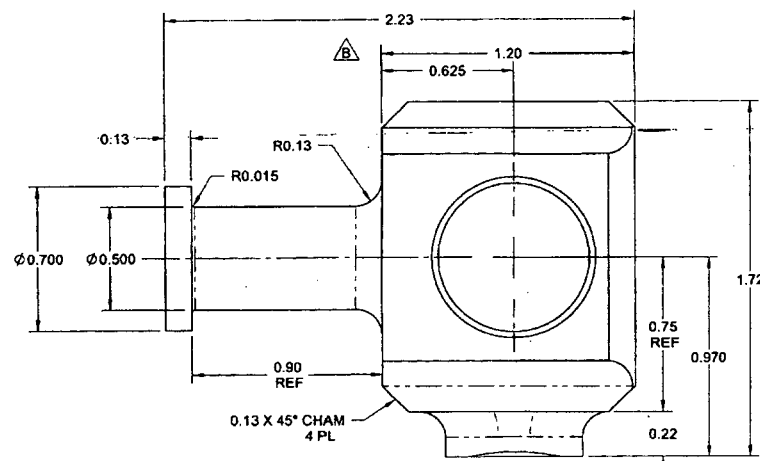
B	D3801-1 WAS D3810-1 SPRING PLUNGER; D4028-041 RMV; MS21209-F615 WAS MS21209-C610 HELICAL; (1) WASHER NAS1148C0603R ADDED; ECSS ADDED TO D3912-1.	JPH	10.06.28
A	NEW ISSUE	JPH	10.03.04
REV.	DESCRIPTION	BY	DATE
DESIGN	ALS		
DRAWN	ALS		
CHECKED	ALS		
MFG. APPR.	ALS		
APPROVED	ALS		
DE APPR.	ALS		
DATE	10.06.28		

RELEASED
2010-07-16

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

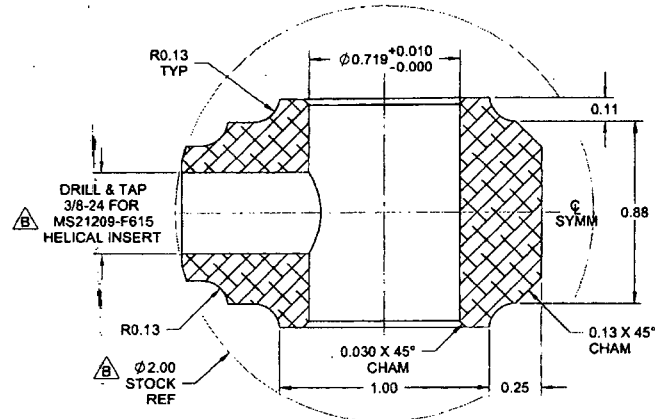
DRAWING NO. **D3912** REV. B
SHEET 1 OF 3
TITLE **EYEBOLT RECEIVER ASSY** SCALE NTS

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D3912-1 EYEBOLT

- NOTES:
- 1) MATERIAL: 303/304/316 STAINLESS STEEL ROUND BAR, PER ASTM A276 OR ASTM A582
REF DART SPEC M303R OR M304R
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: ID AT ASSEMBLY
 - 7) WEIGHT: 0.45 lbs

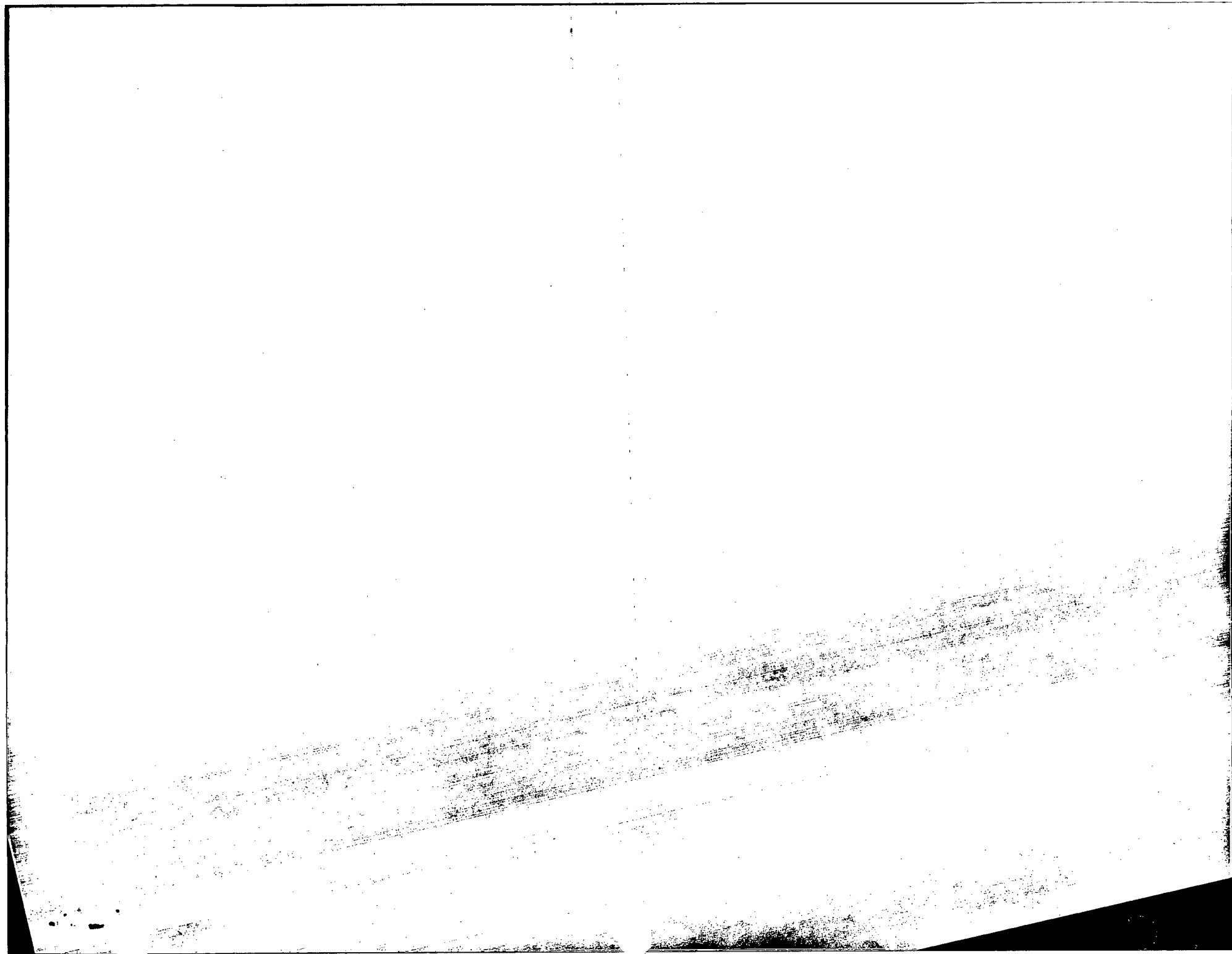


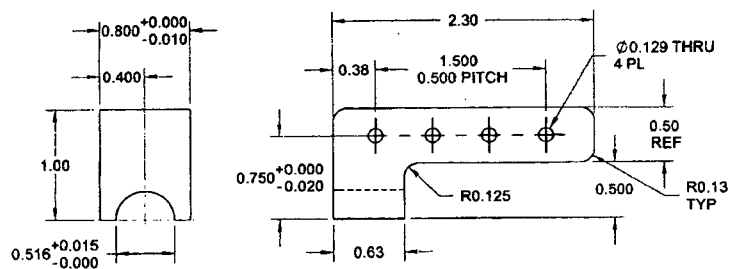
SECTION A-A B6-3

RELEASED
2010-07-16

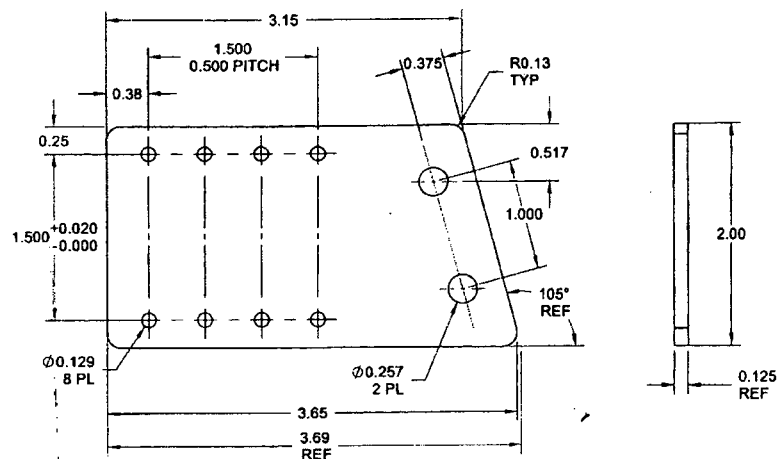
58406

DESIGN	ALS	DART AEROSPACE LTD	
DRAWN	1	HAWKESBURY, ONTARIO, CANADA	
CHECKED	1	DRAWING NO. D3912	REV. B
MFG. APPR.	1		SHEET 2 OF 3
APPROVED	1	TITLE	SCALE
DE APPR.	1	EYEBOLT RECEIVER ASSY	NTS
DATE	10.06.28	COPYRIGHT © 2016 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR REPRODUCED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	





D3912-3 EYEBOLT BLOCK



D3912-5 EYEBOLT PLATE

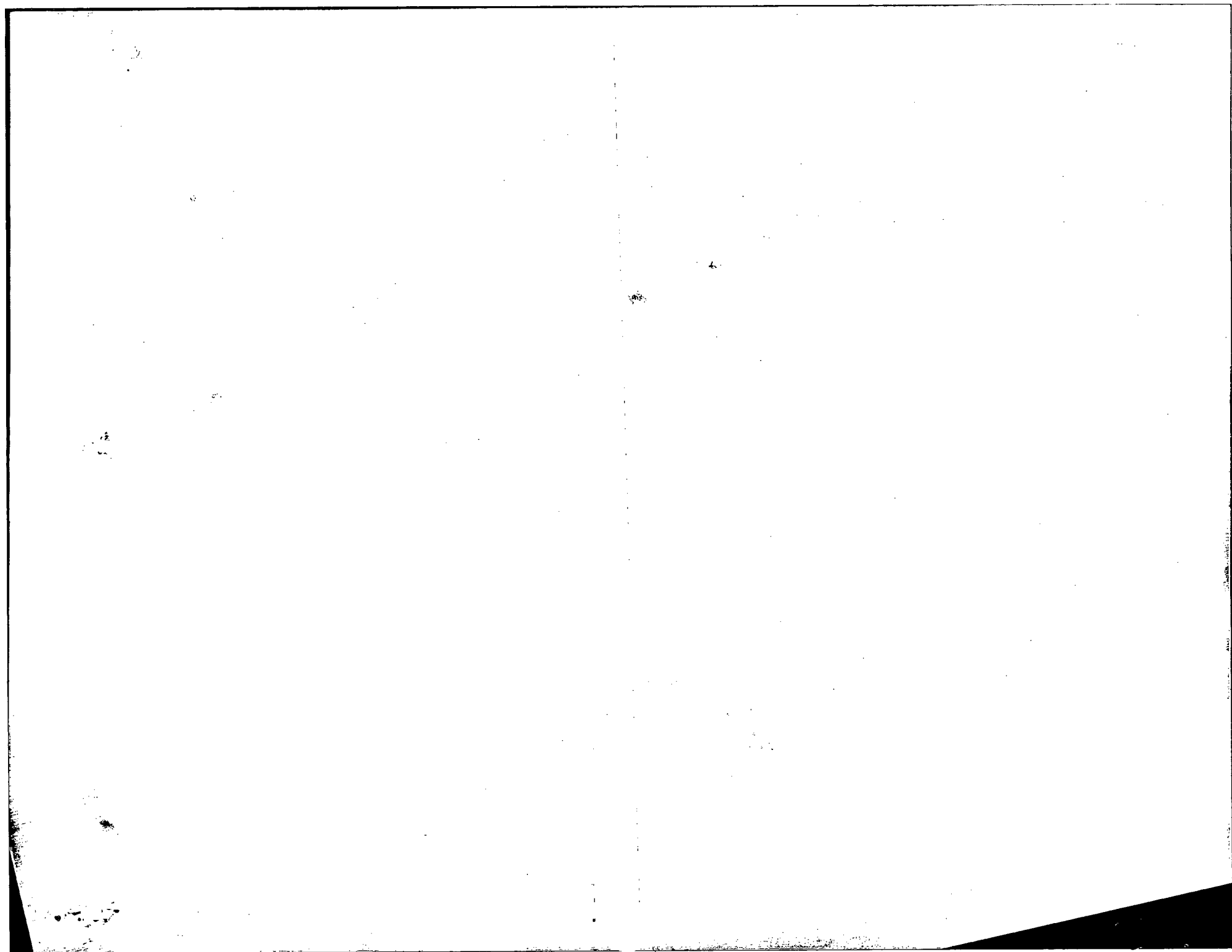
NOTES:

- 1) MATERIAL -3: 303/304/316 STAINLESS STEEL BAR, PER ASTM A276
REF DART SPEC M303B OR M304B
- 5: 303/304/316 STAINLESS STEEL SHEET ANNEALED 2B, 0.125 THK
PER MIL-S-5059 OR AMS 5513/5524 OR ASTM A240 OR ASME 5A240
REF DART SPEC M303S11GA OR M304S11GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: ID AT ASSEMBLY
- 7) WEIGHT -3: 0.30 lbs
-5: 0.24 lbs

RELEASED
2010-07-16
JMD

88404

DESIGN	ALS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JS	DRAWING NO.	REV. B
CHECKED	JS	D3912	SHEET 3 OF 3
MFG. APPR.	JS	TITLE	SCALE
APPROVED	JS	EYEBOLT RECEIVER ASSY	NTS
DE APPR.	JS	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PREPARED AND OWNED BY DART AEROSPACE LTD. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DATE	10.06.28		



Receiving Report

Date: 12/7/26
Supplier: THY 5864

Batch No: M12251
Dart P/O: 17463

Packing Slip: Yes ☒ No ☐
Invoice: Yes ☐ No ☒
Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
Waybill Attached: Yes ☐ No ☒ N/A ☐
Shipment Complete: DAS Yes ☐ No ☒ N/A ☐
QC6 Inspection: 14 12/07/27 N/A ☐
Work Order: 0-83 N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments
M30430-00000000		24	0	0	24	
M20430-00000000		12	0	0	12	
M6061765032		96	0	0	96	
M7075733200003		256	0	0	6	

Initials of receiver (if shipment OK) Level 12 le

Production/Admin: 12/12/26
Date
Received/Costing
Initial

Location _____

Purchase Order Receipt Listing

Thursday, July 26, 2012 8:56:04 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO17463 Receipt Dates from 7/26/2012 to 7/26/2012 All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO17463	3		M303B1.000X1.000 f		7/25/2012	7/26/2012	12.7000	\$13.49	0.0000	0	\$171.36
CAD	No		303 BAR 1" X 1" f		12.0000	DESJ02		\$171.36	0.0000	0	
			122521								
	6		M304S11GA sf		7/23/2012	7/26/2012	280.0000	\$8.85	0.0000	0	\$2,478.17
	No		304/316 0.125 Sheet sf		280.0000	DESJ02		\$2,478.17	0.0000	0	
			122521								
	7		M6061T6B0.500X01. f		7/23/2012	7/26/2012	24.0000	\$1.55	0.0000	0	\$37.09
	No		250		24.0000	DESJ02		\$37.09	0.0000	0	
			6061-T6 Bar .500 x f								
			1.25								
			122521								
	8		M6061T6B0.500X06. f		7/23/2012	7/26/2012	24.0000	\$7.03	0.0000	0	\$168.78
	No		000		24.0000	DESJ02		\$168.78	0.0000	0	
			6061-T6 Bar .500 x f								
			6.00								
			122521								
	9		M6061T6B0.750X01. f		7/23/2012	7/26/2012	24.0000	\$2.62	0.0000	0	\$62.80
	No		500		24.0000	DESJ02		\$62.80	0.0000	0	
			6061-T6 Bar .750 X f								
			1.50								
			122521								
	10		M6061T6B1.000X04. f		7/23/2012	7/26/2012	24.0000	\$9.24	0.0000	0	\$221.77
	No		000		24.0000	DESJ02		\$221.77	0.0000	0	
			6061-T6 Bar 1.00 x f								
			4.00								
			122521								
	11		M6061T6B1.250X01. f		7/23/2012	7/26/2012	12.0000	\$3.60	0.0000	0	\$43.18
	No		250		12.0000	DESJ02		\$43.18	0.0000	0	
			6061-T6 Bar 1.25 x f								
			1.25								
			122521								

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID/Vendor Name		VC-COP001	Thyssenkrupp Materials CA Ltd								
PO17463	12		M6061T6B1.500X02. f 000		7/23/2012	7/26/2012	12.0000	\$6.87	0.0000	0	\$82.43
CAD	No		6061-T6 Bar 1.50 x f 2.00 122521		12.0000	DESJ02		\$82.43	0.0000	0	
	13		M6061T6B2.000X02. f 250		7/23/2012	7/26/2012	12.0000	\$11.61	0.0000	0	\$139.34
	No		6061-T6 Bar 2.00 x f 2.25 122521		12.0000	DESJ02		\$139.34	0.0000	0	
	14		M6061T6R1.000 f		7/23/2012	7/26/2012	24.0000	\$1.80	0.0000	0	\$43.18
	No		ROUND BAR 1.00" f 122521		24.0000	DESJ02		\$43.18	0.0000	0	
	15		M6061T6R3.500 f		7/23/2012	7/26/2012	12.0000	\$23.06	0.0000	0	\$276.73
	No		6061 RD bar 3.50 f 122521		12.0000	DESJ02		\$276.73	0.0000	0	
	17		M6061T6S.080 sf		7/23/2012	7/26/2012	96.0000	\$3.05	0.0000	0	\$292.43
	No		6061-T6 .080 Sheet sf 122521		96.0000	DESJ02		\$292.43	0.0000	0	
	18		M6061T6S.125 sf		7/23/2012	7/26/2012	64.0000	\$4.75	0.0000	0	\$304.20
	No		6061-T6 .125 Sheet sf 122521		64.0000	DESJ02		\$304.20	0.0000	0	
Total Received Quantity:											620.7000
Total Qty to Inspect (PO U/M):											0.0000
Total Reject Quantity:											0.0000
Total Receipt Value:											\$4,321.47
Total Balance Due Quantity:											0.0000

SHIP FROM:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

SHIP TO: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

NO: PEC 777693
SHIP DATE 23Jul12 at 10:57 From PFW
Probill
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

B I L L O F L A D I N G

1) Our Order PEC-472083- 1 Your PO # 17463
STAINLESS STEEL SQ BAR 303 STAINLESS
1.00" X 151.0000"

Heat Number Tag No
245298 88401

Quantity PCS Wt LBS
12 ' 7.0000 " 1 MTR 43

2) Our Order PEC-472083- 2 Your PO # 17463
STAINLESS STEEL SHEET 304-2B
.1200 Nom X 48.0000" X 120.0000"

Heat Number Tag No
SF29688 88728

Quantity PCS Wt LBS
280.00 SFT 7 MTR 1347

3) Our Order PEC-472083- 3 Your PO # 17463
ALUMINUM FLAT BAR 6061-T6511
.50" X 1.250" X 144.0000"

Heat Number Tag No
Z00248009 88402

Quantity PCS Wt LBS
24 FT 2 MTR 17

4) Our Order PEC-472083- 4 Your PO # 17463
ALUMINUM FLAT BAR 6061-T6511
.50" X 6.00" X 144.0000"

Heat Number Tag No
201210006 88403

Quantity PCS Wt LBS
24 FT 2 MTR 84

5) Our Order PEC-472083- 5 Your PO # 17463
ALUMINUM FLAT BAR 6061-T6511
.750" X 1.50" X 144.0000"

Heat Number Tag No
HK079 712 88404

Quantity PCS Wt LBS
24 FT 2 MTR 32

Page: 1Continued

2 10/27/26

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMÉRO D'APPROBATION SEULEMENT
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

25 JUL 2012

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

B I L L O F L A D I N G
Ship From: THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

No: PEC 777693
Ship Date 23Jul12 at 10:57 From PFW
Probill
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

6) Our Order PEC-472083- 6 Your PO # 17463

ALUMINUM FLAT BAR 6061-T6511

1.00" x 4.00" X 144.0000"

Heat Number
201210303

Tag No
88405

Quantity
24 FT

PCS
2

MTR

Wt LBS
114

7) Our Order PEC-472083- 7 Your PO # 17463

ALUMINUM SQUARE BAR 6061-T6511

1.250" X 144.0000"

Heat Number
Z00240017

Tag No
88406

Quantity
12 FT

PCS
1

MTR

Wt LBS
23

8) Our Order PEC-472083- 8 Your PO # 17463

ALUMINUM FLAT BAR 6061-T6511

1.50" x 2.00" X 144.0000"

Heat Number
201209117

Tag No
88407

Quantity
12 FT

PCS
1

MTR

Wt LBS

9) Our Order PEC-472083- 9 Your PO # 17463

Part # -OFFERING*****

Rel #

ALUMINUM FLAT BAR 6061-T6511

2.00" x 2.50" X 144.0000"

Heat Number
C7331164

Tag No
88408

Quantity
12 FT

PCS
1

MTR

Wt LBS
71

10) Our Order PEC-472083- 10 Your PO # 17463

ALUMINUM ROUND BAR 6061-T6511

1.00" DIA X 144.0000"

Heat Number
Z00216020

Tag No
88409

Quantity
24 FT

PCS
2

MTR

Wt LBS
23

11) Our Order PEC-472083- 11 Your PO # 17463

ALUMINUM ROUND BAR 6061-T6511

3.50" DIA X 144.0000"

12/2/25
MTR

Page: 2Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ETRE
RAPPORTEES IMMEDIATEMENT
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

25 JUL 2012

RECU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

SHIP FROM: THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

SHIP TO: (1)
DART AEROSPACE

NO: PEC 777693
SHIP DATE 23Jul12 at 10:57 From PF
Probill
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

B I L L O F L A D I N G
Heat Number Tag No Quantity PCS Wt LBS
21112151 88410 12 FT 1 140

12) Our Order PEC-472083- 12 Your PO # 17463

ALUMINUM SHEET 6061 T6

.0810 Nom X 48.0000" X 144.0000"

Heat Number Tag No
25872/01/00 88035

Quantity PCS
96.00 SFT 2

MTR Wt LBS
105

13) Our Order PEC-472083- 13 Your PO # 17463

ALUMINUM SHEET 6061 T6

.1250 Nom X 48.0000" X 96.0000"

Heat Number Tag No
30286/01/00 88036

Quantity PCS
64.00 SFT -2

MTR Wt LBS
109

14) Our Order PEC-472083- 14 Your PO # 17463

Part # PLATE ASTM B 209 QQ-A-250/12 Rel #

ALUMINUM PLATE 7075T7351

2.50" THICK X 3.2500" X 72.0000"

*** BACK ORDER ***

TOTAL: Tags PCS LBS
13 26 2151

Heat Number
201209117
201210006
201210303
21112151
245298
25872/01/00
30286/01/00
HK079 712
SF29688
Z00216020

*** Chemical Analysis ***

Page: 3Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY.
RETOUR DE MARCHANDISES AVEC NOTRE NUMÉRO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

25 JUL 2012

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION
TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST# 140223934 RT0001

DATE

Ship From: B I L L O F L A D I N G
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

No: PEC 777693
Ship Date 23Jul12 at 10:57 From PFW
Probill
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

Z00240017
Z00248009

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

TOTAL 1 BDL, 2 SKIDS GW. 2477 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE-NOTE-A-\$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

Page: 4 Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMÉRO D'APPROBATION SEULEMENT
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

25 JUN. 2012

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL SHEET 304-2B
1200 Nom X 48.0000" X 120.0000"
PART NO.

PO/Rel 17463

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-777693-002

23Jul12
Pg 1/1

Signed by: _____

DAS
14
9-83
12/07/27

产品质量证明书 MILL TEST CERTIFICATE

DMSSC 江苏大明金属制品有限公司
JIANGSU DAMING METAL PRODUCTS CO., LTD.
地址: 江苏省无锡市
ADDRESS: NO. 1811 TONGJI ROAD WUXI ROAD
JIANGSU PROVINCE, CHINA
TEL: 810255787

订单号: 821988
Order No.:
客户: GLOBAL STAINLESS STEEL INC.
Order:
收货厂家:
CONSIGNEE:

品名: COLD ROLLED STAINLESS
Commodity: STEEL SHEET, BLIT EDGE

编号: M120302001
INVOICE NO.:
发行日期: 2012-4-15
Date:

序号 No.	Product No.	序号 Type	表面加工 Surface Finished	产品尺寸 Product Size			重量 NET Weight KG	标准 Specification	力学性能 Tensile Test			硬度 HRC/HRB	牌号 STEEL NO.	炉号 HEAT NO.	化学成分 Chemical Composition (%)							
				厚度 Thickness MM	宽度 Width MM	长度 Length MM			屈服强度 R _e (2) Mpa	抗拉强度 R _m Mpa	延伸率 A %				C	Si	Mn	P	S	Ni	Cr	N
1	P001693080	304	2B	0.5	1219	2438	910.04	ASTM A240	275	731	65	157	QW40130C	SF28811	0.0510	0.5040	1.0620	0.0321	0.0057	8.02	18.26	/
2	P001693081	304	2B	0.5	1219	3048	905.08	ASTM A240	275	731	65	157	QW40130C	SF28811	0.0510	0.5060	1.0620	0.0321	0.0067	8.02	18.26	/
3	P001715073	304	2B	0.5	1219	3048	905.09	ASTM A240	270	731	60	157	QW40130C	SF28811	0.0478	0.5120	1.0540	0.0208	0.0064	8.02	18.32	/
4	P001683219	304	2B	1.5	1219	2438	1815.74	ASTM A240	273	692	62	163	QW40207B	SF30003	0.0378	0.4400	1.0270	0.0186	0.0022	8.05	18.17	/
5	P001683220	304	2B	1.5	1219	3048	1831.40	ASTM A240	273	692	62	163	QW40207B	SF30003	0.0378	0.4480	1.0270	0.0186	0.0022	8.05	18.17	/
6	P001683221	304	2B	1.5	1219	3048	1831.74	ASTM A240	273	692	62	163	QW40207B	SF30003	0.0378	0.4480	1.0270	0.0186	0.0022	8.05	18.17	/
7	P001720563	304	2B	2.0	1219	3048	890.66	ASTM A240	293	706	58	173	QW40207B	SF30003	0.0378	0.4480	1.0270	0.0186	0.0022	8.05	18.17	/
8	P001684263	304	2B	3.0	1219	2438	1409.80	ASTM A240	281	663	61	175	QW40403A	SF28888	0.0504	0.4910	1.1420	0.0343	0.0034	8.05	18.44	/
9	P001684265	304	2B	3.0	1219	3048	1427.64	ASTM A240	281	663	61	175	QW40403A	SF28888	0.0504	0.4910	1.1420	0.0343	0.0034	8.05	18.44	/
10	P001705083	304	2B	2.0	1219	2438	1408.38	ASTM A240	287	714	55	174	QW40223A	SF30003	0.0378	0.4480	1.0270	0.0186	0.0022	8.05	18.17	/
11	P001705121	304	2B	2.5	1219	3048	1368.04	ASTM A240	287	714	55	174	QW40223A	SF30003	0.0378	0.4480	1.0270	0.0186	0.0022	8.05	18.17	/
12	P001699782	304	NO.4	1.5	1219	2438	1880.48	ASTM A240	287	664	60	164	QW40161B	SF30027	0.0476	0.5270	1.0650	0.0300	0.0040	8.04	18.22	/
13	P001693769	304	NO.4	1.5	1219	3048	1975.55	ASTM A240	287	664	60	164	QW40161B	SF30027	0.0476	0.5270	1.0650	0.0300	0.0040	8.04	18.22	/
14	P001395755	304	NO.4	2.0	1219	2438	1803.80	ASTM A240	315	647	53	83	KA11234070A10	C310695	0.0400	0.4500	1.0900	0.0300	0.0010	6.1	18.21	0.048
15	P001703038	304	NO.4	2.5	1219	2438	1670.30	ASTM A240	287	714	55	174	QW40223A	SF30003	0.0378	0.4480	1.0270	0.0186	0.0022	8.05	18.17	/
16	P001703037	304	NO.4	2.5	1219	2438	1670.30	ASTM A240	287	714	55	174	QW40223A	SF30003	0.0378	0.4480	1.0270	0.0186	0.0022	8.05	18.17	/

注: (Remarks)
1. 尺寸公差: 合格
2. 表面加工: 合格

WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MANUFACTURED
WITH THE ORDER AND SPECIFICATION
此报告仅对完全复制!

该证明列产品均符合订单和标准的要求

江苏大明金属制品有限公司
JIANGSU DAMING METAL PRODUCTS CO., LTD.



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO17463**

Purchase Order Date 7/17/12

PO Print Date 7/17/12

Page Number 1 of 6

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275, POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone 905 669 9444

Vendor Fax 905 738 9033

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

10127-2607

Tax Resale Nbr

Net 30

Terms

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

REVISED

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
3	M303B1.000X1.000 050	303 BAR 1" X 1"	7/25/12 Yes	12.00 f 12.7	Yours ppd	\$13.7500	\$165.00
Special Inst:			MATERIAL: AISI 303 SS BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE				
4	M304B0.500X2.500 050	304 BAR .500 x 2.50	7/25/12 Yes	24.00 f	Yours ppd	\$12.9083	\$309.80
Special Inst:			AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 (NOTE: AISI 303 NOT ACCEPTABLE)				
5	M304B0.625X3.000 050	304 BAR .625 X 3.00	7/25/12 Yes	12.00 f	Yours ppd	\$20.2500	\$243.00

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required - YES NO

Change Nbr: 2

Change Date: 7/17/12



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO17463

Purchase Order Date 7/17/12

PO Print Date 7/17/12

Page Number 2 of 6

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone

Vendor Fax

Vendor Account Nbr

905 669 9444

905 738 9033

Buyer

Requisition Nbr

Tax Resale Nbr

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

Destination-Collect

Special Inst: AISI 304/316 SS BAR OR AISI 304/316 SS
PLATE
AS PER ASTM A276 OR ASTM A240
(NOTE: AISI 303 NOT ACCEPTABLE)

QTY	ITEM	DESCRIPTION	UNIT	PRICE	TOTAL
6	M304S11GA	304/316 0.125 Sheet	7/23/12	280.00	\$2,525.40

000

Special Inst: MATERIAL: AISI 304/316 SS SHEET
ANNEALED 2B FINISH
AS MIL-S-5059 OR AMS 5513 (304) OR
AMS 5524 (316)
OR ASTM A240 OR ASME SA240

7	M6061T6B0.500X01.250	6061-T6 Bar .500 x 1.25	7/23/12	24.00	\$37.80
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010

Special Inst: MATERIAL: 6061-
T6/T651/T6510/T6511/T62 ALUMINUM
BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR
ASTM B221

8	M6061T6B0.500X06.000	6061-T6 Bar .500 x 6.00	7/23/12	24.00	\$172.00
---	----------------------	-------------------------	---------	-------	----------

004

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required **YES** NO

Change Nbr: 2

Change Date: 7/17/12



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO17463

Purchase Order Date 7/17/12

PO Print Date 7/17/12

Page Number 3 of 6

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275, POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone

Vendor Fax

Vendor Account Nbr

905 669 9444

905 738 9033

Buyer

Requisition Nbr

Tax Resale Nbr

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

Destination-Collect

Special Inst:

MATERIAL: 6061-
T6/T651/T6510/T6511/T62 ALUMINUM
BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR
ASTM B221

9

M6061T6B0.750X01.500

6061-T6 Bar .750 X 1.50

7/23/12

Yes

✓ 24.00

Yours ppd

\$2.6667

\$64.00

003

f

6/12/12/24

Special Inst:

MATERIAL: 6061-
T6/T651/T6510/T6511/T62 ALUMINUM
BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR
ASTM B221

10

M6061T6B1.000X04.000

6061-T6 Bar 1.00 x 4.00

7/23/12

Yes

✓ 24.00

Yours ppd

\$9.4167

\$226.00

004

f

6/12/12/26

Special Inst:

MATERIAL: 6061-
T6/T651/T6510/T6511/T62 ALUMINUM
BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR
ASTM B221

11

M6061T6B1.250X01.250

6061-T6 Bar 1.25 x 1.25

7/23/12

Yes

✓ 12.00

Yours ppd

\$3.6667

\$44.00

003

f

6/12/12/24

No substitution or deviation without
consent.

Certificate of Conformity or Material
Certification required - YES NO

Change Nbr: 2

Change Date: 7/17/12



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO17463

Purchase Order Date 7/17/12

PO Print Date 7/17/12

Page Number 4 of 6

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone 905 669 9444

Vendor Fax 905 738 9033

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Special Inst:

MATERIAL: 6061-
T6/T651/T6510/T6511/T62 ALUMINUM
BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR
ASTM B221

12 M6061T6B1.500X02.000

6061-T6 Bar 1.50 x 2.00

7/23/12

12.00

Yours ppd

\$7.0000

\$84.00

Yes

f

Special Inst:

MATERIAL: 6061-
T6/T651/T6510/T6511/T62 ALUMINUM
BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR
ASTM B221

13 M6061T6B2.000X02.250

6061-T6 Bar 2.00 x 2.25

7/23/12

12.00

Yours ppd

\$11.8333

\$142.00

Yes

f

Special Inst:

MATERIAL: 6061-
T6/T651/T6510/T6511/T62 ALUMINUM
BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR
ASTM B221

14 M6061T6R1.000

ROUND BAR 1.00"

7/23/12

24.00

Yours ppd

\$1.8333

\$44.00

Yes

f

No substitution or deviation without
consent.

Certificate of Conformity or Material
Certification required ☒ YES ☐ NO

Change Nbr: 2

Change Date: 7/17/12



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO17463**

Purchase Order Date 7/17/12

PO Print Date 7/17/12

Page Number 5 of 6

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone 905 669 9444

Vendor Fax 905 738 9033

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Special Inst:

MATERIAL: 6061-
T6/T651/T6510/T6511/T62 ALUMINUM
ROUND BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/
4115/4116 OR QQ-A-200/8 OR AMS-QQ-
A-200/8 OR AMS 4160
OR ASTM B211 OR ASTM B221

15 M6061T6R3.500 6061 RD bar 3.50 7/23/12 12.00 Yours ppd \$23.5000 \$282.00
Yes f 12/17/26

Special Inst:

MATERIAL: 6061-
T6/T651/T6510/T6511/T62 ALUMINUM
ROUND BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/
4115/4116 OR QQ-A-200/8 OR AMS-QQ-
A-200/8 OR AMS 4160
OR ASTM B211 OR ASTM B221

16 M6061T6S.032 6061-T6 Sheet 0.032" 7/23/12 96.00 Yours ppd \$1.9792 \$190.00
Yes sf

Special Inst:

MATERIAL: 6061-T6/T62 ALUMINUM
SHEET
AS PER QQ-A-250/11 OR AMS-QQ-A-
250/11;OR
AMS 4025 OR AMS 4027 OR ASTM B209

17 M6061T6S.080 6061-T6 .080 Sheet 7/23/12 96.00 Yours ppd \$3.1042 \$298.00
Yes sf 12/17/26

No substitution or deviation without
consent.

Certificate of Conformity or Material
Certification required - YES NO

Change Nbr: 2

Change Date: 7/17/12



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO17463

Purchase Order Date 7/17/12

PO Print Date 7/17/12

Page Number 6 of 6

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone

905 669 9444

Vendor Fax

905 738 9033

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Special Inst: MATERIAL: 6061-T6/T62 ALUMINUM
SHEET
AS PER QQ-A-250/11 OR AMS-QQ-A-
250/11 OR
AMS 4025 OR AMS 4027 OR ASTM B209

18	M6061T6S.125	6061-T6 .125 Sheet	7/23/12	64.00	Yours ppd	\$4.8438	\$310.00
			Yes	\$f			

Special Inst: MATERIAL: 6061-T6/T62 ALUMINUM
SHEET
AS PER QQ-A-250/11 OR AMS-QQ-A-
250/11 OR
AMS 4025 OR AMS 4027 OR ASTM B209

19	M7075T73B2.500X03.25	7075-T73 Bar 2.50 x 3.25	7/23/12	6.00	Yours ppd	\$49.6667	\$298.00
			Yes	f			

Special Inst: 7075-T73 (OR 7075-
T7351/T73510/T73511) BAR PER ASM-
QQ-A-200/11 OR AMS-QQ-A-225/9 (AMS
4124) OR AMS-QQ-A-250/12 (AMS 4078)

PO Total: \$5,435.00

Change Nbr: 2

Change Date: 7/17/12

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required **YES** NO